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From: Clemmer, Jill (DPH)
Sent: Monday, November 15, 2010 9:56 AM
To: Nassif, Julianne (DPH)
Cc: Servizio, Paul (DPH); Salemi, Charles (DPH); 'Lawler, Michael (DPH)'
Subject: FW: GHB SOPs
Attachments: drugs GBL-1,4BD method.pdf; drugs GHB method.pdf; tox GHB method.pdf

See below and attachments from State Police Crime Lab, Sudbury.

-----Original Message-----

From: Knowles, Hannah J. [\[mailto:Hannah.Knowles@state.ma.us\]](mailto:Hannah.Knowles@state.ma.us)
Sent: Monday, November 15, 2010 9:53 AM
To: Jill.Clemmer
Subject: RE: GHB SOPs

Jill -

We don't use HPLC-UV for our methods. GC-MS counts as two methods for the purpose of forensic drug testing and we repeat the test with a fresh aliquot for confirmation. (GC retention time = one test and MS spectra = second test). Drugs uses a series of presumptive color tests and if they are positive they do a GCMS run with sample prep similar to tox. I think that we have played around with GHB on the LC-MS-MS and we have a validated method for GBL and 1,4 BD that is still getting rewritten that is for LC-MS-MS. None of our departments have an HPLC-UV.

I have forwarded your email to Al Elian to see if he has any other ideas to help out. I have attached the SOPs currently in use for Drugs and Tox.

Hannah J Knowles
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-----Original Message-----

From: Clemmer, Jill (DPH) [\[mailto:Jill.Clemmer@state.ma.us\]](mailto:Jill.Clemmer@state.ma.us) On Behalf Of Clemmer, Jill (DPH)
Sent: Monday, November 15, 2010 8:24 AM
To: Knowles, Hannah (POL)
Subject: GHB SOPs

Hi Hannah -

Happy Monday... Just a few more pieces of info about our GHB info request...

We are interested in comparing our GCMS SOP with yours - we also derivatize and analyze by GCMS for confirmation. (Liquid samples mostly) Our alternate method, which I understand is required for forensic analyses (not my area of expertise), is HPLC-UV - - this is the one that I believe could use some enhancement. What alternate method do you folks use, in combo with the GCMS?

If you are able, please send whatever SOPs that you can by FAX to 617-983-6662.

Thanks very much! See you in Dec!

Jill

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